



PENNONI ASSOCIATES INC.
CONSULTING ENGINEERS

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WARM-9608.002.01

March 4, 1998

Mr. Lonnie Monaco
Naval Facilities Engineering Command (NAVFACENGCOM)
Northern Division
Environmental Contracts Branch, Mail Stop No. 82
10 Industrial Highway
Lester, PA 19113

**RE: Site 6 Summary Report
Former NAWC Warminster**

Dear Mr. Monaco:

Pennoni Associates Inc. ("Pennoni") has reviewed the Brown & Root Environmental prepared Site 6 Summary Report for the Naval Air Warfare Center ("NAWC"), dated January 1998. This report summarized the results of the past investigations and removal activities that were performed at Site 6. This report also provided an evaluation of the risks associated with the existing contamination located at Site 6. Based upon our review of the above referenced report, we offer the following comments:

1. The inorganics arsenic, lead, cadmium, beryllium, zinc, and chromium were detected at levels above the PADEP Statewide Health Standards for Residential Direct Contact. Although the residential standard applies to soil depth of 0 to 15 feet, the arsenic and chromium exceedances were detected in surface soils. These exceedances will restrict future use of Site 6.
2. The organic benzo(a)pyrene was detected in surface and subsurface soils at levels above the PADEP Statewide Health Standards for Residential Direct Contact. This exceedance will restrict future use of Site 6.
3. The recreational exposure frequency of 24 days per year appears low for a reasonable maximum exposure. Nearby residents can be expected to spend most of their summer days and some spring and fall days within the recreational area.
4. The report recommends a deed covenant and use restriction be placed on the property to inform future landowners of the presence of contamination. Warminster Township is to receive a conveyance of the area including Site 6 for future use as a park. The restriction on future use will limit the parcel's usefulness to the Township.



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Page 2

If you have any questions or comments concerning the above, please do not hesitate to contact the undersigned.

Very Truly Yours,

PENNONI ASSOCIATES INC.

A handwritten signature in black ink, appearing to read "J. Anthony Sauder".

J. Anthony Sauder P.E., P.G.
Senior Hydrogeologist

A handwritten signature in black ink, appearing to read "Anthony S. Bartolomeo".

Anthony S. Bartolomeo P.E.
Senior Vice President

cc. Robert Camarata, Warminster Township
David Fennimore, Earth Data